



J1017 U.S. PTO

01/08/02 A

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 1044-404-01

First Inventor Darrel J. Van Buer

Title Method and Apparatus for Electronically Extracting Documents
Potentially Containing Application Specific Multidimensional ...

Express Mail Label No. ET 588797909 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 91]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 39]
5. Oath or Declaration [Total Pages 3]
- a. Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Preliminary Amendment
13. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

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01/04/02

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No _____

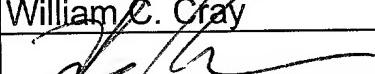
Prior application information: Examiner _____

Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	Insert Customer No. or Attach bar code label here			or	<input checked="" type="checkbox"/> Correspondence address below
Name	William C. Cray				
Address	414 Fourth Street Suite A				
City	Santa Ana	State	CA	Zip Code	92701
Country		Telephone	714-836-0200	Fax	714-836-0400

Name (Print/Type)	William C. Cray	Registration No. (Attorney/Agent)	27,627
Signature			
	Date 01/02/02		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 2,060.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Van Beur
Examiner Name	
Group Art Unit	
Attorney Docket No.	1044-404-01

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	
Deposit Account Name	

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,880	228	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	710	246	355
149	710	249	355
179	710	279	355
169	900	169	900
Other fee (specify) _____			

SUBTOTAL (1) (\$ 370.00)

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	110	-20** = 90	X 9.00 = 810.00
Independent Claims	23	- 3*** = 20	X 42.00 = 840.00
Multiple Dependent			=

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
103	18	203
102	80	202
104	270	204
109	80	209
110	18	210
		9
		Claims in excess of 20
		Independent claims in excess of 3
		Multiple dependent claim, if not paid
		** Reissue independent claims over original patent
		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 1,650.00)

**or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	William C. Cray	Registration No. (Attorney/Agent)	27,627	Telephone 714-836-0200
Signature		Date	01/02/02	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Goodman & Leach, LLP
414 Fourth Street, Suite A
Santa Ana, CA 92701

**Re: Utility Patent Application for: Method and Apparatus for High Speed
Implementation of Data Encryption and Decryption Utilizing, e.g., Rijndael or Its
Subset AES, or Other Encryption/Decryption Algorithms Having Similar Key
Expansion Data Flow**

Inventor(s): **Darrel J. VanBuer**
Attorney Docket No.: 1044-404-01

I hereby certify that the following attached correspondence comprising:

91 pages of Specification
39 pages of Drawing (Figures 1-45)

Combination Declaration & Power of Attorney

Certificate of Mailing

Information Disclosure Statement and PTO forms SB/08 A/B

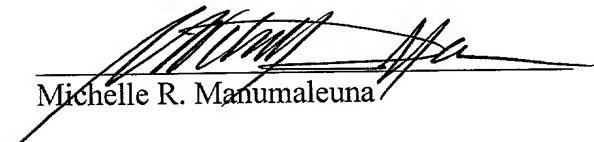
Assignment and Recordation Cover

Self addressed postcard

Checks in the amount of \$2060.00

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:
BOX: PATENT APPLICATION
Assistant Commissioner of Patents
Washington, D.C. 20231

Express Mail Label Number: *ET 588797909 US*
Date of Deposit: *JANUARY 4, 2002*


Michelle R. Manumaleuna

LAW OFFICES OF
GOODMAN & LEACH, LLP
BUSINESS & INTELLECTUAL PROPERTY MATTERS

ERIC J. GOODMAN
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Across from the United States Federal Courthouse:
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Via: Express Mail

Box: PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

Dear Commissioner:

Enclosed is a patent application for: Utility Patent

Applicant(s): Darrel J. Van Buer

Titled: **Method and Apparatus for High Speed Implementation of Data Encryption and Decryption Utilizing, e.g., Rijndael or Its Subset AES, or Other Encryption/Decryption Algorithms Having Similar Key Expansion Data Flow**

Attorney Docket No.: 1044-404-01

This application comprises:

91 pages of Specification

39 sheets of drawing (Fig.'s 1-45)

Utility Application Transmittal

Fee Transmittal

Combination Declaration & Power of Attorney

Assignment(s) and Recordation Cover

Information Disclosure Statement Form(s) SB/08 A/B

Certificate of Mailing By Express Mail

Self addressed postcard

Regards,



William C. Cray

Registration No. 27,627

WCC/mm

enclosures